

ACTi NVR 3 Business

Release Notes

Version 3.0.16.33



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Software Version

NVR 3 Business Server version: v3.0.16.33

NVR 3 Business Workstation for Windows version: v3.0.16.33

Release Date

2022.10.11

Features

Feature	NVR 3 Business
Maximum Number of Channels	100
Free ACTi Camera Channels Included	32
Free 3 rd Party Camera Channels Included	1
CMS Support	No
POS, Access Control, Network IO Support	No
eMap	Yes
Google Map	No
Embedded Websites within Display	No
PTZ Control	Yes
Redundancy Support (N+1, N-to-N)	Yes
Workstation, Web Client, Mobile Client	Yes

License P/N:

Add ACTi Cameras	LNVR3005
Add other brand Cameras	LCDP1005

Remark

1. Minimum Resolution is 1024x768.
2. You may need to open HTTP port 80 and ActiveMediaServer.exe in firewall. Alternatively, you can remove Anti-virus software and add exception in windows firewall.
3. Please check Microsoft website for Windows updated to protect your system or standalone NVR against WannaCry or other virus attacks.
4. Export Video function will need enough free space. The size will be depended on the image compression, frame rate, channel numbers, export duration time, and video types (raw, avi, exe).
5. The account-naming rule is only English letters, numbers and specific symbols are allowed except some symbols “ / \ [] : ; | = , + * ? < > ”
6. When you configure the Disk Drive for recording, please make sure the “Free Space” is larger than “Reserve Space” in Setup page ->Storage tab.
7. Not support Variable Bit Rate mode.
8. Not support multicast mode.
9. For individual recording, if the total size is over 2GB, or the video encoder type, frame rate, resolution of this channel's stream once altered during the selected Time Duration, this export video file will be divided.
10. Mobile Client cannot login NVR while using digest authentication.
11. Unable to login NVR with domain user while using digest authentication.
12. In H.265 compression, live view may flash sometimes at lower resolution (e.g., 320 x 240).
13. ACTi offers various editions of NVR 3 software, such as NVR Business and NVR 3 Corporate to fulfill different applications. The different edition cannot be upgraded directly. Please check the NVR edition before starting the upgrade.
14. NVR will show MD1 event trigger if tampering of E924, E924M, E44A, E77, B51 and B53 is detected.
15. If audio out function is not working, please check the antivirus software running on the server, it may block the function.

16. Hardware acceleration function must perform on the graphics card which supported hardware acceleration. Please use the graphics card GeForce GTX 1050Ti as a minimum spec.
17. For new camera models -A310, A311, A71, A74, A416, A418, A811 and A818, NVR already integrated the functions, including Video, Audio, Motion, PTZ, storage and dual stream mode. IVS events are not supported yet.
18. Full-featured web client is available for Microsoft Internet Explorer 11 and Microsoft Edge browser (compatibility mode). Lite Web Client is the simplified edition of the browser-based client application with less features, such as H.264/MJPEG video streaming, Live view up to 16 channels, 1 channel embedded instant playback, PTZ control, Snapshot, Audio input.

Supported languages

Arabic, Czech, Dutch, English, French, German, Hungarian, Indonesian, Italian, Japanese, Polish, Portuguese, Romanian, Russian, Spanish, Simplified Chinese, Thai and Traditional Chinese.

Supported camera models

For supported ACTi cameras list, please refer to

<http://www.acti.com/UnifiedSolution>

For supported non-ACTi cameras list, please refer to

<http://www.acti.com/3rdpartycamera>

NVR3 Installation

ACTi NVR 3 Business is a typical web-based server/client system. There are two types of **Clients in NVR 3.0 system**: **Web Client** and **Workstation Client**. A user, connecting from whether web browser or workstation, will enjoy the same user interface and NVR functions.

- **Web Client**: the web version of interface to access NVR server without need of installing any client program to become a client. After the NVR3 server installation is complete, user can connect to <http://localhost:port> through Internet Explorer for full features or cross browsers with simplified interface.

- **Workstation Client**: the client application making accessing NVR server free from the use of browser. The workstation program that provide interface between users and the NVR server. It may be installed on the same PC as the NVR server, or they may be installed separately and connect to NVR3 Server via network. Please make sure the version of NVR server and workstation is the same.

The performance of NVR is largely determined by the hardware PC capability. Please refer to “**Getting Started**” section in **NVR3 System Administrator's Manual** for all details about System Requirement, necessary prerequisites before installation, and installation procedure. If you want to substitute for another computer or re-install the NVR server, please refer to “**Back Up System Data**” section for getting more information.

ACTi offers various editions of NVR 3 software, such as NVR Business and NVR 3 Corporate to fulfill different applications. The different edition cannot be upgraded directly. **Please check the NVR edition before starting the upgrade.**

1. Before starting to install NVR 3 server, be sure to check if the PC specifications is acceptable for NVR.
 - a. Please prepare **64-bit operating system** and fully patch with latest service packs.
 - b. Please reserve storage capacity of 10GB or above on the system drive for NVR 3 software.
(It is advised that you use a separate disk for video recordings, and reserve free space 40GB on system drive and also keep the total

capacity of system drive is more than 100GB.)

- c. Check that the .NET Framework has been installed.
 - i. Open "Programs and Features" from the Windows Control Panel
 - ii. Check that "**Microsoft .NET Framework 4.0**" or above version has been installed on the computer correctly.
 - iii. If .NET Framework is older version or not present, please download and install the .NET Framework 4.0 or above version.
For example, Microsoft .NET Framework 4.5

2. If there is pop-up Security Warning message after using Windows compression tool to extract the NVR zipped file, please try to use other compression tool or right-click on the NVR zipped file -> open "Properties" -> click the "Unblock" button -> decompress the NVR zipped file again.
3. Go to "ACTi_NVR_Server" folder and then execute "**setup.exe**" installation application.
4. Follow the instructions of Install Shield Wizard to proceed and complete the installation.

If IIS Web Server has been installed on the computer and you are asked to restart the computer during installation process, please choose "Yes, I want to restart my computer now" to restart, and after the computer reboots, please continue to complete the NVR installation.

The **IP Port Checker** program will pop up to confirm the NVR HTTP port number with you. The installation program will use **80** as default. You may enter another available port number in "Listen Port" field and click "Apply".

5. For NVR3 workstation, please go to "ACTi_NVR_Workstation" folder, and then execute "**setup.exe**" and follow the install shield to complete the installation.

Download and Documentation

NVR 3 Business v3.0.16.33 software (server and workstation), the Release Notes, the System Administrator's and User's manuals are all available for download.

You may check "Software NVR" product in "Video Management System" section on ACTi website for updates or release information about this software and documents.

<http://www.acti.com/products/software-nvr>

You may also visit ACTi Download Center for updates and documents

<http://www.acti.com/downloadcenter>

Support

If you have any question or need additional assistance, please feel free to contact our engineers via our **Customer Help Desk** platform

<http://www.acti.com/CHD>